

SMART DOCUMENTS MADE EASIER FOR .NET DEVELOPERS

Vertigo Software's Managed Smart Documents WrapperT simplifies Microsoft® Office Smart Document Development with a new, object-oriented, declarative programming model, supported with new project templates, samples, and documentation.

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Available
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the code
EULA.

VERTIGO MANAGED SMART DOCUMENTS WRAPPER™

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Microsoft's Smart Document technology enables developers to embed application-like functionality within a Word 2003 or Excel 2003 document. Smart documents guide information workers during document creation by offering customized, context-based information, options, and help. In enterprises, smart documents provide a smart client interface to backend databases and services. For more information visit:
<http://msdn.microsoft.com/office/understanding/smarttags/default.aspx>

By streamlining smart document development for .NET developers, the Managed Smart Documents Wrapper allows more organizations to take greater advantage of smart documents. Both new and experienced smart document developers will find this technology valuable.

SCREENSHOTS

Adding a Template



SUPPORT

Frequently Asked Questions



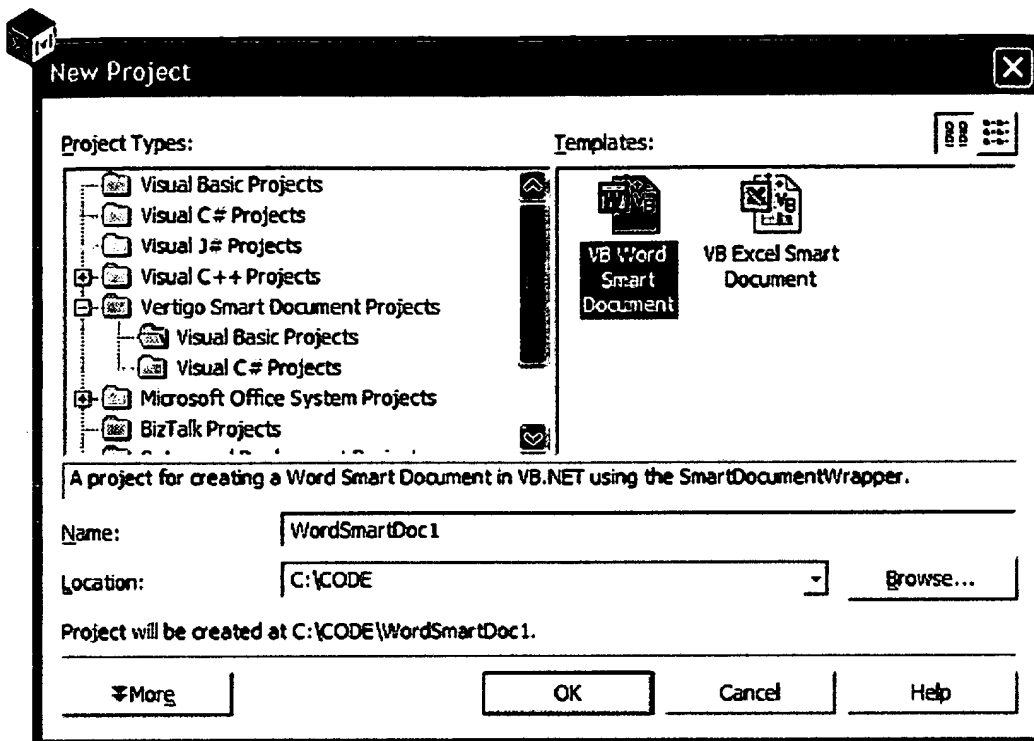
SYSTEM REQUIREMENTS

- Microsoft Windows Professional or
- Microsoft Visual Studio® .NET 2.0
- Professional Edition of Microsoft Word or Excel 2003



INSTALLED ITEMS

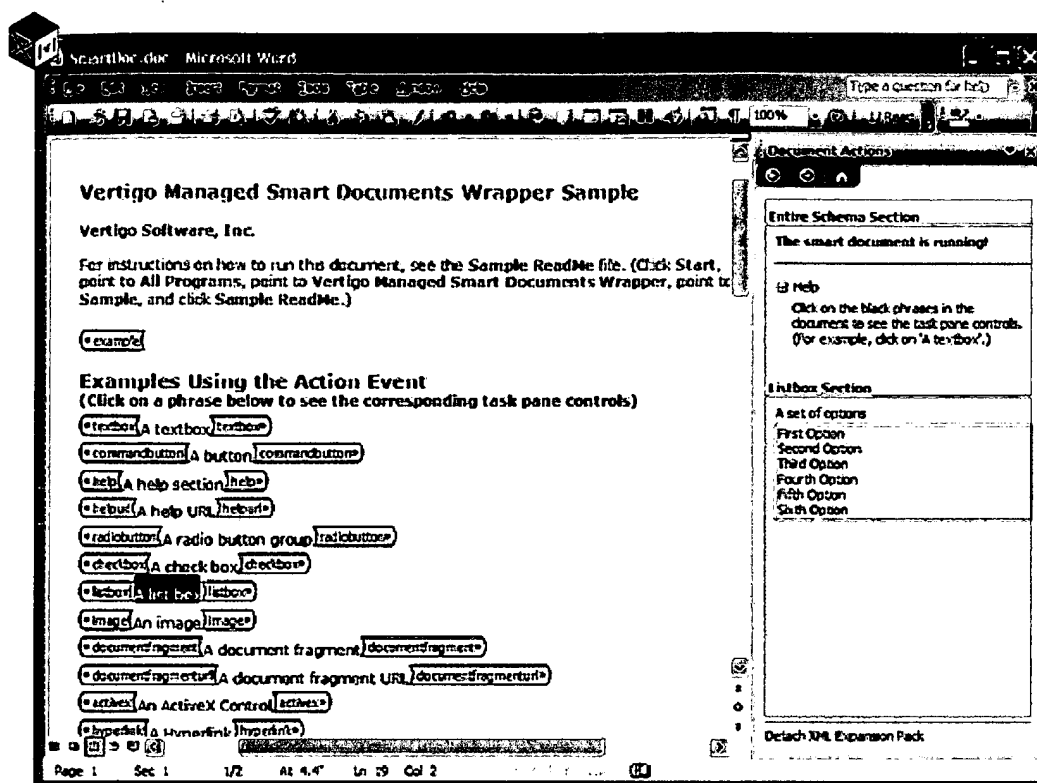
- New Microsoft Visual Studio .NET 2003 Smart Document Project Template
- Sample Word document demonstrating the functionality of VB.NET
- Full source code for SmartDocuments assembly
- Extensive documentation



The installer adds new project templates to Visual Studio .NET 2003 for smart document projects using the Vertigo Managed Smart Documents Wrapper. The templates vastly simplify the creation of smart document projects by automatically creating and pre-configuring the necessary files. Word and Excel are supported, in both Visual C# and Visual Basic .NET. The following screenshot shows the Visual Studio .NET New Project dialog box and the new VB.NET projects.

Running Sample Document

(click to enlarge)



The installer installs a sample smart document that demonstrates use of the Vertigo Managed Smart Documents Wrapper. The sample smart document has many different sections, each demonstrating a Document Actions task pane control, event, or technique. Full VB.NET source code is provided for the sample. The screenshot above shows the running sample document. The selected text ("A list box") in the document on the left causes the list box control to appear in the Document Actions task pane on the right. (The controls appearing in the task pane change depending on where the selection is in the document.)

ABOUT THE VERTIGO MANAGED SMART DOCUMENTS WRAPPER

The Managed Smart Document Wrapper addresses smart document development issues in three main ways:

- New programming model. The Smart Document Wrapper assembly changes the .NET smart documents programming model to an object-oriented, declarative, event-driven model.
- Automated project creation. New Visual Studio® .NET 2003 templates automatically create and customize a new smart documents project.
- Documentation and samples.

New Programming Model

The core of the installed files is a wrapper assembly to simplify creation of managed smart documents. The wrapper assembly encapsulates the ISmartDocument interface to allow declarative, event-based programming in .NET. In addition the wrapper automates some aspects of smart document development like control ID assignment and tracking, control counting and

error logging.

Complete, commented source code for the wrapper assembly is included.

Automated Project Creation

The installer creates new Visual Studio .NET 2003 project templates for creating managed smart document projects using the wrapper assembly. Templates are provided for both Visual C# and Visual Basic .NET programming, for both Word and Excel documents. The templates vastly reduce the amount of work necessary to create a managed smart document project.

Documentation and Samples

The installed documentation discusses wrapper usage in detail, but also introduces the basics of smart documents, and covers the new project templates, the internal workings of the wrapper assembly, and many aspects of smart document development such as security and troubleshooting.

The sample provides examples of all the Document Actions task pane controls using the wrapper.